

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/14/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048901.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.38	U	0.38	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.86		0.43	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	6.08		1.22	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	4.34		2.54	3.39	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.0		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.4		40 - 140	119%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.1		40 - 140	78%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5299-01	Acq On:	20 Dec 2024 12:45
Client Sample ID:	SB-01	Operator:	YP/AJ
Data file:	FD048901.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.083	5.800	832264	4.376	200	ug/ml
Aromatic C12-C16	5.801	8.405	17230204	92.694	300	ug/ml
Aromatic C16-C21	8.406	12.669	12150833	71.678	500	ug/ml
Aromatic C21-C36	12.670	18.077	7252965	51.226	800	ug/ml
Aromatic EPH	4.083	18.077	37466266	219.973		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	6955373	39.15		ug/ml
2-Bromonaphthalene (SURR)	7.359	7.359	9429099	55.98		ug/ml
2-Fluorobiphenyl (SURR)	8.209	8.209	6138195	59.42		ug/ml